



Attorney Docket No.: 501049.20503
Customer No.: 026418

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shlomo Ben-Haim et al.

Serial No.: 10/039,845 : Art Unit: 3762

Filing Date: October 23, 2001 : Confirmation No.: 1690

For: **Electrical Muscle Controller**

May 5, 2005

Mail Stop: *Amendment*
Commissioner for Patents
P.O. Box 1450
Alexandria, A 22313-1450

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

SIR:

The enclosed Supplemental Information Disclosure Statement ("IDS") is submitted in accordance with 37 C.F.R. §§ 197 and 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

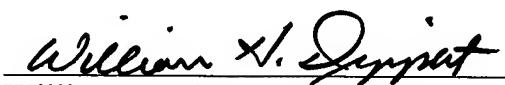
In accordance with 37 C.F.R. § 1.98 forms PTO-1449 are attached hereto. Copies of the documents cited are being forwarded under separate cover.

The filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in § 1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicants reserve the right to prove that the date of publication is in fact different.

No fee is believed due. However, any fee necessary for entry of this paper should be charged to **Deposit Account No. 50-1529.**

Respectfully submitted

May 5, 2005



William H. Dippert
Registration No. 26,723

Reed Smith LLP
599 Lexington Avenue
29th Floor
New York, New York 10022-7650
Telephone: 212-521-5400
Facsimile: 212-521-5450
e-Mail: wdippert@reedsmith.com



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

14

Complete if Known

Application Number	10/039,845
Filing Date	October 23, 2001
First Named Inventor	Shlomo Ben-Haim
Art Unit	3762
Examiner Name	

Attorney Docket Number 501049.20503

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA	US- 3,572,345		Mar. 1971	Auphan	
AB	US- 3,587,567		Jun. 1971	Schiff	
AC	US- 3,651,805		Mar. 1972	Breiling	
AD	US- 3,942,536		Mar. 1976	Mirowski, et al.	
AE	US- 3,952,750		Apr. 1976	Mirowski, et al.	
AF	US- 4,030,509		Jun. 1977	Heilman et al.	
AG	US- 4,106,494		Aug. 1978	McEachern	
AH	US- 4,164,216		Aug. 1979	Person	
AI	US- 4,184,493		Jan. 1980	Langer, et al.	
AJ	US- 4,202,340		May, 1980	Langer, et al.	
AK	US- 4,223,678		Sept. 1980	Langer, et al.	
AL	US- 4,237,895		Dec. 1980	Johnson	
AM	US- 4,273,114		Jun. 1981	Berkalow, et al.	
AN	US- 4,312,354		Jan. 1982	Walters	
AO	US- 4,316,472		Feb. 1982	Mirowski, et al.	
AP	US- 4,384,585		May 1983	Zipes	
AQ	US- 4,387,717		Jun. 1983	Brownlee, et al.	
AR	US- 4,403,614		Sep. 1983	Engle, et al.	
AS	US- 4,407,288		Oct. 1983	Langer, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
AT	JP 04-117967		Apr. 1992	Masayoshi		
AU	JP 4-365493		Dec. 1992	Yutaka		
AV	JP 7-126600		May 1995	Kazusuke		
AW	JP 8-243176		Sep. 1996	Kjell		
AX	EP 0 148 687		Feb. 1988	Henry et al.		
AY	EP 0 314 078		Oct. 1993	Mehra		

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

14

Complete if Known

Application Number	10/039,845
Filing Date	October 23, 2001
First Named Inventor	Shlomo Ben Haim
Art Unit	3762
Examiner Name	

Attorney Docket Number 501049.20503

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AZ	US- 4,440,172		Apr. 1984	Langer	
BA	US- 4,506,680		Mar. 1985	Stokes	
BB	US- 4,543,956		Oct. 1985	Herscovici	
BD	US- 4,566,456		Jan. 1986	Koning, et al.	
BE	US- 4,572,191		Feb. 1986	Mirowski, et al.	
BF	US- 4,628,934		Dec. 1986	Pohndorf et al	
BG	US- 4,651,716		Mar. 1987	Forester, et al.	
BH	US- 4,674,508		Jun. 1987	DeCote	
BI	US- 4,679,572		Jul. 1987	Baker, Jr.	
BJ	US- 4,690,155		Sep. 1987	Hess	
BK	US- 4,726,279		Feb. 1988	Kepler, et al.	
BL	US- 4,726,379		Feb. 1988	Altman et al.	
BM	US- 4,765,341		Aug. 1988	Mower, et al.	
BN	US- 4,830,006		May 1989	Haluska, et al.	
BO	US- 4,928,688		May, 1990	Mower	
BP	US- 4,979,507		Dec. 1990	Heinz, et al.	
BQ	US- 4,998,531		Mar. 1991	Bocchi et al.	
BR	US- 5,003,976		Apr. 1991	Alt	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
BS	EP 0 727 241		Aug. 1996	Noren		
BT	WO 91/19534		Dec. 1999	Freeman		
BU	WO 92/00716		Jan. 1992	Waide		
BV	WO 95/08316		Mar. 1993	Vistung		
BW	WO 97/25101		Jul. 1997	Beh-Haim		
BX	WO 98/10831		Mar. 1998	Ben-Haim		

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

3

of

14

Complete if Known

Application Number	10/039,845
Filing Date	October 23, 2001
First Named Inventor	Shlomo Ben Haim
Art Unit	3762
Examiner Name	

Attorney Docket Number 501049.20503

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
BY	US- 5,020,544		Jun. 1991	Dahl et al.	
BZ	US- 5,022,396		Jun. 1991	Watanabe	
CA	US- 5,044,375		Sep. 1991	Bach, Jr. et al.	
CB	US- 5,083,564		Jan. 1992	Scherlag	
CC	US- 5,087,243		Feb. 1992	Avitall	
CD	US- 5,097,843		Mar. 1992	Buchanan	
CE	US- 5,111,815		May 1992	Mower	
CF	US- 5,129,394		Jul. 1992	Mehra	
CG	US- 5,137,021		Aug. 1992	Wayne et al.	
CI	US- 5,156,147		Oct. 1992	Warren, et al.	
CJ	US- 5,156,149		Oct. 1992	Hudrlik	
CK	US- 5,161,527		Nov. 1992	Nappholz et al.	
CL	US- 5,163,428		Nov. 1992	Pless	
CO	US- 5,199,428		Apr. 1993	Obel et al.	
CQ	US- 5,213,098		May 1993	Bennett et al.	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" "Kind Code" (if known)				
CR	WO 00/04947		Feb. 2000	Darvish et al.		

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

4

of

14

Complete if Known

Application Number	10/039,845
Filing Date	October 23, 2001
First Named Inventor	Shlomo Ben Haim
Art Unit	3762
Examiner Name	

Attorney Docket Number 501049.20503

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
CS	US-	5,236,413	Aug. 1993	Feiring	
CU	US-	5,282,785	Feb. 1994	Shapland et al.	
CV	US-	5,284,491	Feb. 1994	Sutton et al.	
CW	US-	5,286,254	Feb. 1994	Shapland et al.	
CX	US-	5,305,745	Apr. 1994	Zacouto	
CY	US-	5,327,887	Jul. 1994	Nowakowski	
CZ	US-	5,320,642	Jun. 1994	Scherlag	
DA	US-	5,320,543	Jun. 1994	Roline et al.	
DB	US-	5,346,506	Sept. 1994	Mower et al.	
DC	US-	5,353,800	Oct. 1994	Pohndorf et al.	
DD	US-	5,366,486	Nov. 1994	Zipes, et al.	
DE	US-	5,368,040	Nov. 1994	Carney	
DF	US-	5,370,665	Dec. 1994	Hudrlík	
DG	US-	5,387,419	Feb. 1995	Levy et al.	
DH	US-	5,386,837	Feb. 1995	Sterzer	
DI	US-	5,391,192	Feb. 1995	Lu et al.	
DJ	US-	5,391,199	Feb. 1995	Ben-Haim	
DK	US-	5,398,683	Mar. 1995	Edwards et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" "Kind Code" ⁵ (<i>if known</i>)				

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

5

of

14

Complete if Known

Application Number	10/039,845
Filing Date	October 23, 2001
First Named Inventor	Shlomo Ben Haim
Art Unit	3762
Examiner Name	

Attorney Docket Number 501049.20503

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DL	US-	5,415,629	May 1995	Henley	
DM	US-	5,417,717	May 1995	Salo, et al.	
DN	US-	5,419,763	May 1995	Hildebrand	
DO	US-	5,425,363	Jun. 1995	Wang	
DP	US-	5,443,485	Aug. 1995	Housworth et al.	
DR	US-	5,447,520	Sept. 1995	Spano et al.	
DS	US-	5,458,568	Oct. 1995	Racchini et al.	
DT	US-	5,464,020	Nov. 1995	Lerner	
DU	US-	5,468,254	Nov. 1995	Hahn et al.	
DV	US-	5,472,453	Dec. 1995	Alt	
DW	US-	5,476,484	Dec. 1995	Hedberg	
DX	US-	5,476,485	Dec. 1995	Weinberg et al.	
DY	US-	5,476,497	Dec. 1995	Mower et al.	
DZ	US-	5,482,052	Jan. 1996	Lerner	
EA	US-	5,499,971	Mar. 1996	Shapland et al.	
EB	US-	5,501,662	Mar. 1996	Hofmann	
EC	US-	5,514,162	May 1996	Bornzin et al.	
ED	US-	5,520,642	May 1996	Bigagli et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Sheet 6 of 14

Application Number	10/039,845
Filing Date	October 23, 2001
First Named Inventor	Shlomo Ben Haim
Art Unit	3762
Examiner Name	
Attorney Docket Number	501049.20503

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
EE	US- 5,531,764		Jul. 1996	Adams et al.	
EF	US- 5,540,722		Jul. 1996	Clare et al.	
EG	US- 5,556,421		Sep. 1996	Prutchi et al.	
EH	US- 5,568,809		Oct. 1995	Ben-Haim	
EI	US- 5,571,143		Nov. 1996	Hoegnelid	
EJ	US- 5,584,804		Dec. 1996	Stevens et al.	
EK	US- 5,584,868		Dec. 1996	Salo et al.	
EL	US- 5,587,200		Dec. 1996	Lorenz et al.	
EM	US- 5,601,609		Feb. 1997	Duncan	
EN	US- 5,601,611		Feb. 1997	Fayram et al.	
EO	US- 5,626,622		May 1997	Cooper	
EP	US- 5,634,899		Jun. 1997	Shapland et al.	
EQ	US- 5,649,966		Jul. 1997	Noren et al.	
ER	US- 5,651,378		Jul. 1997	Matheny et al.	
ES	US- 5,622,687		Sept. 1997	Hedberg et al.	
ET	US- 5,674,251		Oct. 1997	Combs et al.	
EU	US- 5,674,259		Oct. 1997	Gray	
EV	US- 5,683,431		Nov. 1997	Wang	
EW	US- 5,687,734		Nov. 1997	Dempsey et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

7

of

14

Complete if Known

Application Number	10/039,845
Filing Date	October 23, 2001
First Named Inventor	Shlomo Ben Haim
Art Unit	3762
Examiner Name	

Attorney Docket Number 501049.20503

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
EX	US-	5,713,935	Feb. 1998	Prutchi et al.	
EY	US-	5,720,768	Feb. 1998	Verboven-Nelissen	
FA	US-	5,738,096	Apr. 1998	Ben Haim	
FB	US-	5,738,105	Apr. 1998	Kroll	
FD	US-	5,755,740	May 1998	Nappholtz	
FE	US-	5,782,876	Jul. 1998	Flammang	
FF	US-	5,782,881	Jul. 1998	Lu et al.	
FG	US-	5,792,198	Aug. 1998	Nappholtz	
FH	US-	5,792,208	Aug. 1998	Gray	
FI	US-	5,797,967	Aug. 1998	KenKnight	
FK	US-	5,807,234	Sep. 1998	Bui et al.	
FL	US-	5,807,306	Sep. 1998	Shapland et al.	
FN	US-	5,865,787	Feb. 1999	Shapland et al.	
FP	US-	5,906,607	May 1999	Taylor et al.	
	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/039,845
Sheet	8	of	14	Filing Date	October 23, 2001
				First Named Inventor	Shlomo Ben Haim
				Art Unit	3762
				Examiner Name	
				Attorney Docket Number	501049.20503

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Number-Kind Code ² (if known)					
FR	US-	5,927,284	Jul. 1999	Borst et al.	
FS	US-	6,032,074	Feb. 2000	Collins	
FT	US-	6,032,672	Mar. 2000	Taylor	
FU	US-	6,041,252	Mar. 2000	Walker et al.	
FV	US-	6,067,470	May 2000	Mower	
FW	US-	6,071,305	Jun. 2000	Brown et al.	
FX	US-	6,086,582	Jul. 2000	Altman et al.	
FY	US-	6,136,019	Oct. 2000	Mower	
FZ	US-	6,141,586	Oct. 2000	Mower	
GA	US-	6,151,586	Nov. 2000	Brown	
GB	US-	6,178,351	Jan. 2001	Mower	
GC	US-	6,295,470	Sep. 2001	Mower	
GD	US-	6,337,995	Jan. 2002	Mower	
GE	US-	6,341,235	Jan. 2002	Mower	
GF	US-	6,343,232	Jan. 2002	Mower	
GG	US-	6,411,847	Jun. 2002	Mower	
GH	US-	RE38,119	May 2003	Mower	
	US-				
	US-				

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/039,845
<i>(Use as many sheets as necessary)</i>				Filing Date	October 23, 2001
				First Named Inventor	Shlomo Ben Haim
				Art Unit	3762
				Examiner Name	
Sheet	9	of	14	Attorney Docket Number	501049.20503

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	GI	Antman, E.M. et al. "Treatment of 150 Cases of Life-Threatening Digitalis Intoxication with Digoxin-Specific Fab Antibody Fragments," June 1990 Circulation; Vol. 81: No. 6: pp. 1744-1752.			
	GK	Bach, S.M., "Tach Arrhythmia Detection, Implantable Cardioverter Defibrillator Therapy: The Engineering-Clinical Interface, Chapter 15, pp. 303-323, Eds, Mark W. Kroll and Michael H. Lehmann, Kluwer Academic Publishers, USA, 1997.			
	GL	Bakker, P.F., et al., " Beneficial Effects of Biventricular Pacing of Congestive Heart Failure", PACE, Vol. 17, April 1994, Part 11, one page			
	GM	Bakker, P.F., et al., " Biventricular Pacing Improves Functional Capacity in Patients with End-Stage Congestive Heart Failure" PACE, Vol. 17, April 1995, Part 11, one page			
	GN	Bargheer K. et al., "Prolongation of Monophasic Action Potential Duration and the Refractory Period in the Human Heart by Tedisamil, a New Potassium-Blocking Agent", J. Eur Heart 15 (10), Oct. 1994, pp. 1409-1414			
	GO	Borst, et al. "Coronary Artery Bypass Grafting Without Cardiopulmonary Bypass and Without Interruption of Native Coronary Flow Using a Novel Anastomosis site restraining device ('Octopus')", Journal of the American College of Cardiology, 27 (6), May 1996.			
	GP	Cano, N.J. et al. "Dose-Dependent Reversal of Digoxin-Inhibited Activity of an In-Vitro NA+K+ATPase Model by Digoxin-Specific Antibody;" May 1996; pp. 107-1011; Toxicology Letters; Vol. 85; No. 2			
	GQ	Cazeau S. et al., "Multisite Pacing for End-Stage Heart Failure: Early Experience", Pacing and Clinical Electrophysiology Vol. 19, Nov. 1996, Part 11, pp. 1748-1757			
	GR	Cooper, W., "Postextrasystolic Potentiation: Do We Really Know What It Means and How To Use It?" Circulation, Vol. 88, No. 6, Dec. 1993, pp. 2962-2971.			

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/039,845
<i>(Use as many sheets as necessary)</i>				Filing Date	October 23, 2001
				First Named Inventor	Shlomo Ben Haim
				Art Unit	3762
				Examiner Name	
Sheet	10	of	14	Attorney Docket Number	501049.20506

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	GS	Dillon, SM., abstract of "Synchronized Repolarization After Defibrillation Shocks. A Possible Component of the Defibrillation Process Demonstration By Optical Recordings in Rabbit Heart", Circulation, May 1992, Vol. 85, No. 5, pp. 1865-78		
	GT	Fain, E.S., et al. "Improved Internal Defibrillation Efficacy with a Biphasic Waveform", American Heart Journal 117 (2), February 1989, pp. 358-364.		
	GU	Fleg, J.L. et al., "Impact of Age on the Cardiovascular Response to Dynamic Upright Exercise in Healthy Men and Women", J. Appl. Physiol., Vol. 78, 1995, p. 890.		
	GV	Foster, A.H. et al., "Acute Hemodynamic Effects of Atrio-Biventricular Pacing in Humans", 1995, The Society of Thoracic Surgeons Vol. 59, pp. 294-299.		
	GW	Franz, M.R., "Bridging the Gap Between Basic and Clinical Electrophysiology: What Can be Learned from Monophasic Action Potential Recordings?", J. Cardiovasc Electrophysiol 5(8), August 1994, pp. 699-710		
	GX	Franz, M.R., "Method and Theory of Monophasic Action Potential Recording", Prog. Cardiovasc Dis 33 (6), May-June 1991, pp. 347-368		
	GY	Franz, M.R., "Progress in Cardiovascular Disease: Monophasic Action Potential Symposium, I. Introduction", Prog. Cardiovasc Dis 33 (6), May-June 1991 pp. 345-346		
	HA	Fu, P and B.J. Bardakjian, "System Identification of Electrically Coupled Smooth Muscle Cells: The Passive Electrically Coupled Smooth Muscle Cells: The Passive Electrical Properties", published in IEEE Transactions on Biomedical Engineering, 38(11), pp. 1130-1140, 1991.		
	HB	Ham, Frederic M and Han, Soowhan, "Classification of Cardiac Arrhythmias Using Fuzzy Artmap"; IEEE Transactions on Biomedical Engineering, Vol. 43, No. 4, Apr. 1996.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/039,845
<i>(Use as many sheets as necessary)</i>				Filing Date	October 23, 2001
				First Named Inventor	Shlomo Ben Haim
				Art Unit	3762
				Examiner Name	
Sheet	11	of	14	Attorney Docket Number	501049.20503

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	HC	Hoffman, B.F. et al., "Effects of Postextrasystolic Potentiation on Normal & Failing Hearts", Bulletin of New York Academy of Medicine, 41 in 1965, pp. 498-534.				
	HD	Josephson, M.E., "Clinical Cardiac Electrophysiology: Techniques and Interpretations, 2nd. Edition, Lea & Febiger, Philadelphia, 1991				
	HE	King, A. et al., "The Inotropic Action of Paired Pulse Stimulation in the Normal and Failing Heart: An Experimental Study", Cardiovascular Research, Vol. 2, April 1968, pp. 122-129				
	HF	Knisley et al., "Prolongation and Shortening of Action Potentials by Electrical Shocks in Frog Ventricular Muscle", American Journal of Physiology 6 (Heart Circ. Physiol. 35, 1994) pp. H2348-H2358				
	HG	Koller, et al., "Relation Between Repolarization and Refractoriness During Programmed Electrical Stimulation in the Human Right Ventricle", Circulation 91(9), 2378-2384, 1995.				
	HH	Langberg, Jonathan J. et al., "Identification of Ventricular Tachycardia with Use of the Morphology of the Endocardial Electrogram", Circulation, Vol. 77, No. 6, Jun. 1988.				
	HI	McVeigh, E.R et al., "Noninvasive Measurement of Transmural Gradients in Myocardial Strain with MR Imaging", Radiology 180 (3), Sep. 1991, pp. 677, 679-684.				
	HJ	Mercando, A.D., et al., "Automated Detection of Tachardias by Antitachardia Devices", Chapter 100, pp. 943-948, in Cardiac Electrophysiology from Cell to Bedside, Eds. Douglas P. Zipes and Jose Jalife, publishers W.B. Saunders Company (1990).				
	HK	Moran, R.J. et al; "Digoxin-Specific Fab Fragments Impair Renal Function in the Rat." 1994; pp. 854-856; Journal of Pharmacy and Pharmacology; Vol. 46: No 10.				
	HL	Morse, et al., "A Guide to Cardiac Pacemakers, Defibrillators and Related Products", Droege Computing Services, Durham, NC.				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/039,845
<i>(Use as many sheets as necessary)</i>				Filing Date	October 23, 2001
				First Named Inventor	Shlomo Ben Haim
				Art Unit	3762
				Examiner Name	
Sheet	12	of	14	Attorney Docket Number	501049.20503

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	HM	Merck Manual, The, Section 3, the 16th Edition of the Merck Manual, Published in 1992			
	HN	Paul, VE., et al. "Automatic Recognition of Ventricular Arrhythmias Using Temporal Electrogram Analysis" Pace, Vol. 14, pp. 1265-1273, (1991).			
	HO	Qiuzhen Xue et al., "Neural-Network-Based Adaptive Matched Filtering for QRS Detection", IEEE Transactions on Biomedical Engineering, Vol. 39, No. 4. Apr. 1992			
	HP	Saksena et al., "Dual-site Atrial Pacing in Atrial Fibrillation", JACC, Vol. 28, No. 3, September 1996, pp. 687-94			
	HQ	Shumaik, G.M. et al, "Oleander Poisoning; Treatment with Digoxin-Specific Fab Antibody Fragments;" July 1988; pp. 732-735; Annals of Emergency Medicine; Vol. 17; No. 7			
	HR	Sweeny RJ, et al., abstract of "Countershock Strength-Duration Relationship for Myocardial Refractory Period Extension", Acad Emerg. Med., Jan. 1995, Vol. 2, No. 1, pp. 57-62			
	HS	Sweeny RJ, et al., abstract of "Refractory Interval After Transcardiac Shocks During Ventricular Fibrillation", Circulation, Dec. 1996, Vol. 94, No. 11, pp. 2947-52.			
	HT	Sweeny RJ, et al., abstract of " Ventricular Refractory Period Extension Caused by Defibrillation Shocks", Circulation, September 1990, Vol. 82, No. 3, pp. 965-972			
	HU	Talit, U. et al., "The Effect of External Cardiac Pacing on Stroke Volume", Pace 13, May 1990, pp. 598-60			
	HV	Tsong, T.Y., "Electroporation of Cell Membranes" August 1991; pp. 297-306; Biophysical Journal; Vol. 60			

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/039,845
<i>(Use as many sheets as necessary)</i>				Filing Date	October 23, 2001
				First Named Inventor	Shlomo Ben-Haim
				Art Unit	3762
				Examiner Name	
Sheet	13	of	14	Attorney Docket Number	501049.20503

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	HW	Verrier, et al, "Electrophysiologic Basis for T Wave Alternans as an Index of Vulnerability to Ventricular Fibrillation" Journal of Cardiovascular Electrophysiology, Vol. 5, pp. 445-461, 1994		
	HX	Webster, John G., ed., Design of Cardiac Pacemakers, IEEE Press, Piscataway, New Jersey, 1995		
	HY	Wessale, J.L. et al., "Stroke Volume and Three Phase Cardiac Output Rate Relationship with Ventricular Pacing" Pace 13, May 1990, pp. 673-680		
	HZ	Wirtfeld, A. et al., "Physiological Pacing: Present Status and Future Developments", Pace 10 January-February 1987, Part I, pp. 41-57		
	IA	Zipes, D et al., Cardiac Electrophysiology from Cell to Bedside, 1990, W.B. Saunders Co., Philadelphia		
	IB	Guidant Product Catalogue, 2001, 2 pages		
	IC	"The Latest Tetralogy of Fallot Discussion with Graphical Support Including Video of Echocardiography and Catherization" Pediatric Electrophysiologic Book ("An On-Line Resource for Pediatric Critical Care")		
	ID	Brumwell D.A. et al. "The Amplifier: Sensing the Depolarization", Implantable Cardioverter Defibrillator Therapy: The Engineering-Clinical Interface, Chapt. 14, pp. 275-302, Eds. Kroll and Lehmann, Kluwer Academic Publishers, USA 1997		
	IE	Gill RJ, et al., abstract of "Refractory Period Extension During Ventricular Pacing at Fibrillatory Pacing Rates" Pacing Clin. Electrophysiol, March 1997, vol. 20, No. 3, pp. 647-653		
	IF	Hardage, M.L. and Sweeney, M.B., "Anti-Tachycardia Pacing and Cardioversion", Implantable Cardioverte Defibrillator Therapy: The Engineering-Clinical Interface, Chapt. 6, pp. 325-342, Eds. Mark W. Kroll and Michael H. Lehmann, Kluwer Academic Publishers U.S.A 1997		

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				Complete if Known	
<p>Sheet 14</p>		<p>of 14</p>		<p>Application Number</p> <p>10/039,845</p>	
				<p>Filing Date</p> <p>October 23, 2001</p>	
				<p>First Named Inventor</p> <p>Shlomo Ben-Haim</p>	
				<p>Art Unit</p> <p>3762</p>	
				<p>Examiner Name</p> <p></p>	
				<p>Attorney Docket Number</p> <p>501049.20503</p>	

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.